

|   | L # | Hits       | Search Text  | DBs   |
|---|-----|------------|--|---|
| 1 | L1  | 8772<br>76 | @pd>"20060405"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 2 | L2  | 1942       | ((523/160) or<br>(523/161)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 3 | L3  | 5966       | ((528/28) or (524/590) or<br>(524/539) or (524/540) or<br>(524/261) or (524/265) or<br>(524/266)).CCLS.                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 4 | L4  | 118        | 1 and 2  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 5 | L5  | 84         | 1 and 3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 6 | L6  | 145        | sulfopolyester adj3<br>(polyurethane or<br>urethane) or sulfo\$5 adj2<br>polyester adj3<br>(polyurethane or<br>urethane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

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|----|-----|------|--|---|
| 7  | L7  | 38   | diisocyanate same (diol or glycol) same sulfoisophthalate  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 8  | L8  | 83   | sulfonated near5 (polyester or polyurethane) near10 (structure or formula)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 9  | L9  | 2    | sulfo\$2 adj ester adj (polyurethane or urethane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 10 | L10 | 113  | (sulfo adj polyester or sulfopolyester) adj3 (polyurethane or urethane) or (sulfo or sulfonated) adj3 (polyester or ester) adj3 (polyurethane or urethane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 11 | L11 | 15   | silyl adj terminat\$3 and (polyester or sulfopolyester) adj (polyurethane or urethane)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 12 | L12 | 3    | sulfonat\$3 near3 (polyesterdiol or polyester adj diol) same diisocyanate  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

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|----|-----|------|--|---|
| 13 | L13 | 26   | (sodiosulfoisophthalate<br>or sulfoisophthalate)<br>same glycol same<br>caprolactone | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 14 | L14 | 102  | silyl adj terminat\$3 with<br>polymer and (polyester or<br>polyurethane or urethane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 15 | L15 | 0    | sulfopoly?ester adj<br>urethane  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 16 | L16 | 23   | sulfopoly adj ester adj<br>urethane  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 17 | L17 | 3    | (4 5) and (6 7 8 9 10 11<br>12 13 14 15 16)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 18 | L18 | 7    | polyester with<br>diisocyanate with<br>(amino\$4yltri\$4oxysilane<br>or aminosilane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

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|----|-----|------|---|---|
| 19 | L19 | 0    | (sulfoisophthal\$3 or<br>sodiosulfoisophthal\$3 or<br>sulfoterephthal\$4 or<br>sodiosulfoterephthal\$4)<br>with diisocyanate with<br>(amino\$4yltri\$4oxysilane<br>or aminosilane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 20 | L20 | 0    | (sulfoisophthal\$3 or<br>sodiosulfoisophthal\$3 or<br>sulfoterephthal\$4 or<br>sodiosulfoterephthal\$4)<br>with (diisocyanate or<br>polyisocyanate or<br>isocyanate) with<br>(amino\$4yltri\$4oxysilane<br>or aminosilane or silane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 21 | L21 | 0    | (sulfoisophthal\$3 or<br>sodiosulfoisophthal\$3 or<br>sulfoterephthal\$4 or<br>sodiosulfoterephthal\$4)<br>same (diisocyanate or<br>polyisocyanate or<br>isocyanate)<br>same (amino\$4yltri\$4oxysil<br>ane or aminosilane or<br>silane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 22 | L22 | 69   | (sulfoisophthal\$3 or<br>sodiosulfoisophthal\$3 or<br>sulfoterephthal\$4 or<br>sodiosulfoterephthal\$4)<br>with (diol or glycol or<br>polyhydric adj alcohol)<br>and (diisocyanate or<br>polyisocyanate or<br>isocyanate) same<br>(amino\$4yltri\$4oxysilane<br>or aminosilane or silane) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

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|----|-----|------|---|---|
| 23 | L23 | 27   | sulfopolyester near10<br>(structure or formula) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 24 | L24 | 0    | (4 5) and (18 22 23)                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 25 | L26 | 8    | 1 and (18 22 23)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 26 | L25 | 22   | 1 and (6 7 8 9 10 11 12<br>13 14 15 16)         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 27 | L27 | 2    | ("5929160").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 28 | L28 | 4    | ("5929160").URPN.                               | USPAT   |

|    | L # | Hits | Search Text  | DBs   |
|----|-----|------|--|---|
| 29 | L29 | 31   | ("20020077377"  <br>"20030144375"   "3600359"<br>  "3700643"   "3941733"  <br>"4341687"   "4567228"  <br>"5041494"   "5081174"  <br>"5308647"   "5494702"  <br>"5554686"   "5639814"  <br>"5698626"   "5739191"  <br>"5747626"   "5753774"  <br>"5756633"   "5919860"  <br>"5929160"   "5945462"  <br>"5965195"   "6001906"  <br>"6111010"   "6117485"  <br>"6124044"   "6172126"  <br>"6187849"  <br>"6245295").PN. OR<br>("6991851").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      |
| 30 | L30 | 2    | (28 29) and (ink or<br>inkjet)   | US-PGPUB;<br>USPAT;<br>USOCR                                      |
| 31 | L31 | 22   | (28 29) and polyester  | US-PGPUB;<br>USPAT;<br>USOCR                                      |
| 32 | L32 | 183  | (ink or inkjet) and (6 7<br>8 9 10 11 12 13 14 15 16<br>18 22 23)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 33 | L33 | 4    | (ink or inkjet) and<br>sulfopolyester adj<br>urethane  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text  | DBs   |
|----|-----|------|--|---|
| 34 | L34 | 2    | ("5786412").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 35 | L35 | 4    | (ink or inkjet) and<br>sulfopoly\$2ester adj<br>urethane     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 36 | L36 | 7    | (ink or inkjet) and<br>sulfopoly adj ester adj<br>urethane   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 37 | L37 | 2    | ("5929160").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 38 | L38 | 2    | wo-9703252-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 39 | L39 | 0    | (ink or inkjet) and<br>sulfopoly\$2ester adj<br>polyurethane | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text   | DBs   |
|----|-----|------|---|---|
| 40 | L40 | 17   | silyl adj terminat\$3 same<br>(polyester or<br>sulfopolyester or ester)<br>adj (polyurethane or<br>urethane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 41 | L41 | 4    | (ink or inkjet) and 40  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 42 | L42 | 10   | (sodiosulfoisophthalte or<br>sulfoisophthalate or<br>dmssip!) same glycol same<br>caprolactone and<br>(polycaprolactone or<br>tone) same glycol same<br>(hmdi or isocyanate or<br>diisocyanate) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 43 | L43 | 4    | (( "5747626" ) or<br>( "5756633" ) ) .PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 44 | L44 | 2    | ( "6649727" ) .PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 45 | L45 | 1    | 44 and (ester or<br>polyester)  | US-PGPUB;<br>USPAT;<br>USOCR                                      |



|           | <b>L #</b> | <b>Hits</b> | <b>Search Text</b>     | <b>DBs</b>  |
|-----------|------------|-------------|------------------------|---|
| <b>46</b> | L46        | 2           | ("6649727").PN.        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| <b>47</b> | L47        | 1           | (ink or inkjet) and 46 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| <b>48</b> | L48        | 2           | ("6991851").PN.        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| <b>49</b> | L49        | 0           | (ink or inkjet) and 48 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| <b>50</b> | L50        | 2           | ("5756633").PN.        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| <b>51</b> | L51        | 0           | (ink or inkjet) and 50 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text   | DBs   |
|----|-----|------|---|---|
| 52 | L52 | 2    | ("5554686").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 53 | L53 | 0    | (ink or inkjet) and 52  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 54 | L54 | 2    | ("5786410").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 55 | L55 | 1    | 54 and<br>(amino\$4yltri\$4oxysilane<br>or aminosilane or silane)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 56 | L56 | 0    | silyl adj terminat\$3 and<br>54   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 57 | L57 | 8    | silyl adj terminat\$3<br>near5 (polyurethane or<br>urethane) and<br>(sodiosulfoisophthlate or<br>sulfoisophthalate or<br>dmssip!) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text   | DBs   |
|----|-----|------|---|---|
| 58 | L58 | 257  | (sulfopolyurethane or sulfonat\$5 near5 (urethane or polyurethane)) and (amino\$4yltri\$4oxysilane or aminosilane or silane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 59 | L59 | 114  | (ink or inkjet) and 58  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 60 | L64 | 9    | (sodiosulfoisophthalate or sulfoisophthalate or dmssip!) and 2 and (hmdi or isocyanate or diisocyanate)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 61 | L65 | 11   | (sodiosulfoisophthalate or sulfoisophthalate or dmssip!) same glycol same caprolactone and (polycaprolactone or tone) same glycol same (hmdi or isocyanate or diisocyanate) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 62 | L66 | 15   | (sulfopolyurethane or sulfonat\$5 near5 (urethane or polyurethane)) and 2   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 63 | L67 | 30   | sulfonat\$3 near3 polyester near3 (diol or polyol) same (hmdi or isocyanate or diisocyanate)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text  | DBs   |
|----|-----|------|--|---|
| 64 | L68 | 6    | (ink or inkjet) and 67   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 65 | L69 | 66   | (sulfopolyurethane or<br>sulfonat\$5 near5<br>(urethane or<br>polyurethane)) and<br>sulfonat\$3 near3<br>polyester near3 (diol or<br>polyol) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 66 | L70 | 20   | (ink or inkjet) and 69   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 67 | L71 | 68   | (sodiosulfoisophthalate<br>or sulfoisophthalate or<br>dmssip!) same (hmdi or<br>isocyanate or<br>diisocyanate)                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 68 | L72 | 14   | (ink or inkjet) and 71   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 69 | L73 | 1    | silyl adj terminat\$3<br>near5 (sulfopolyurethane<br>or sulfonat\$5 near5<br>(urethane or<br>polyurethane))                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 70 | L74 | 2    | ("2003/0144375").URPN.   | USPAT   |

|    | L # | Hits | Search Text   | DBs   |
|----|-----|------|---|---|
| 71 | L75 | 257  | (amino\$4yltri\$4oxysilane<br>or aminosilane or silane)<br>and (sulfopolyurethane or<br>sulfonat\$5 near5<br>(urethane or<br>polyurethane)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 72 | L76 | 114  | (ink or inkjet) and 75  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 73 | L77 | 0    | ("52523344").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 74 | L78 | 2    | ("5523344").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |
| 75 | L79 | 0    | (ink or inkjet) and 78  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB |